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## Product Datasheet

### **GFAP (Astrocyte & Neural Stem Cell Marker) (rASTRO/789), 0.2mg/mL, IgG1, Clone: [rASTRO/789], Mouse, Monoclonal BOT-BNUB2227-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | GFAP (Astrocyte & Neural Stem Cell Marker) (rASTRO/789), 0.2mg/mL, IgG1, Clone: [rASTRO/789], Mouse, Monoclonal                                                                                                                                               |
| Biozol Catalog Number      | BOT-BNUB2227-100                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNUB2227-100                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNUB2227-100-100UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, IHC, WB                                                                                                                                                                                                                                                   |
| Species Reactivity         | Bovine, Gallus, Human, Mouse, Porcine, Rabbit, Rat                                                                                                                                                                                                            |
| Immunogen                  | Recombinant full-length human GFAP protein                                                                                                                                                                                                                    |
| Product Description        | This MAb recognizes a protein of ~50 kDa which is identified as Glial Fibrillary Acidic Protein (GFAP). It shows no cross-reaction with other intermediate filament proteins. GFAP is specifically found in astroglia. GFAP is a very popular marker for I... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [rASTRO/789]                                                                                                                                                                                                                                                  |
| Molecular Weight           | ~50 kDa                                                                                                                                                                                                                                                       |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype           | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| UniProt           | <a href="#">P14136</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Buffer            | PBS, 0.05% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Application Notes | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunohistology (formalin): 0.25-0.5 ug/mL for 30 minutes at RT Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user</p> |